

Apps and Mobility

OVERVIEW:

So, you're interested in how mobile apps can simplify your business processes, huh? Well, we can help you with that! While these apps aren't exactly as fun as playing Candy Crush, we can assure you that they are designed to keep your company running efficiently, and will make your lives much easier. These apps offer all kinds of assistance, whether it be determining what items to load onto a truck, or checking the status of your inventory, and everything in between. Every app was created to fit a need that one of our customers had, and we can say with great pride that our apps have had a positive impact on all of our customers who have deployed them.

The Savantis Group helps mid-sized companies to cost-effectively implement and benefit from SAP software. Once we help you install the technology you need, we also build on that technology by creating and launching mobile apps that integrate directly with your existing SAP systems.

In the following pages, you can find a breakdown of the three types of apps we offer, which are:

1. Off-the-Shelf Apps – *They're all set and ready to go*
2. Modified Off-the-Shelf Apps – *These apps only need a little bit of tinkering to meet your business needs*
3. Start-from-Scratch Apps – *These apps are designed specifically with your unique business needs in mind*

We have also included:

- Descriptions of each app's functionality
- What each app is specifically used for
- The technology used to create these apps
- Case summaries from customers who have benefitted from these apps.

Here are some of the apps we have created that have given our customers an edge over the competition:

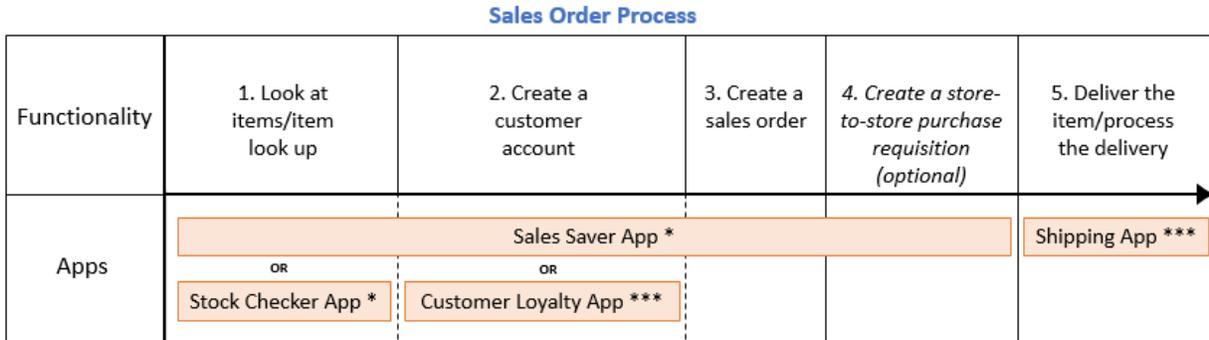
Off-the-Shelf Apps – Incorporation of company logos and colors is included with these apps.

Physical Inventory App	Updates actual inventories in different locations
Barcode App	Scans existing items; creates and reprints tags
Shipping App	Keeps track of what items need packing, labeling, and shipping
Receiving App	Processes purchase orders; tags items; creates serial numbers
Supply Order App	Creates purchase requests for plants/sites
Customer Loyalty App	Processes, creates, and queries a customer's transactions
Load Truck App	Shows items and selects the specific truck needed for transport
Unload Truck App	Gives details of items that need unloading from a particular truck
Sales Saver App	Provides stock look up and sales order functionality
Stock Checker App	Provides the ability to look at any item in any specified location
Now App	Searches products to see where they are in inventory at all times

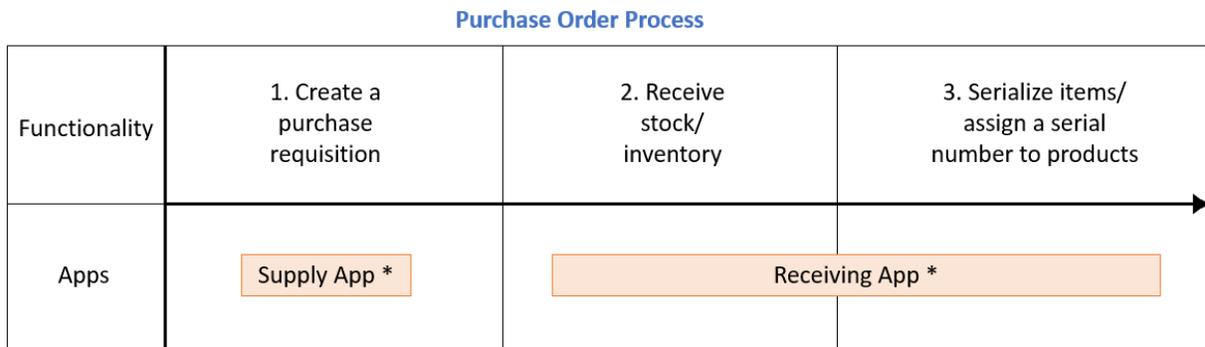
For more details on the above apps, please view the App Library in the final pages.

HOW IT WORKS

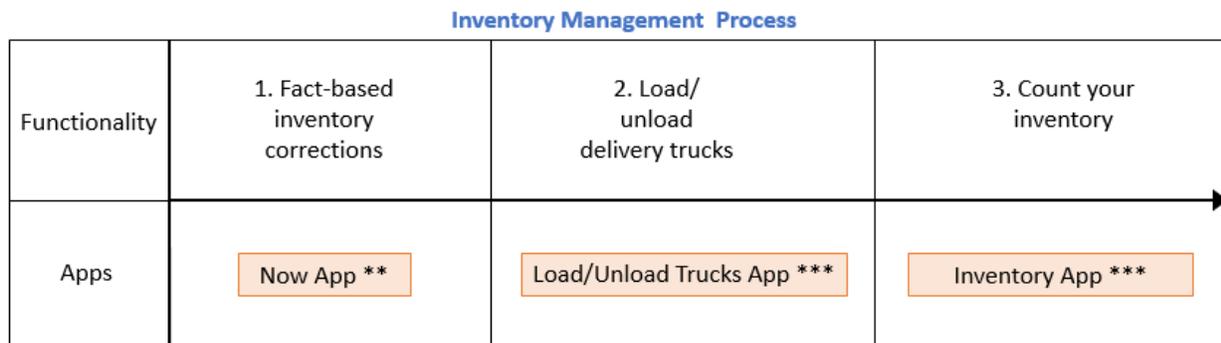
The apps we have created serve multiple functions, while some have overlapping features. The following is a diagram of how our apps support the *Sales Order Process*:



The following is a diagram of how our apps support the *Purchase Order Process*:



And here is a diagram of how our apps support the *Inventory Management Process*:



*= App works with non-serialized items | **= App works with serialized items | ***= App works with both serialized and non-serialized items

PROCESSES

Off- the-Shelf Apps

The fastest way to get your hands on an app is to take it right off the shelf and use the ones that already exist. Customizing the look and feel of any app is always included, and we will integrate everything from company logos, all the way down to incorporating the color scheme of your company.

Modifying Off-the-Shelf Apps

If this doesn't work for you, there are a few other options we can offer. One possibility is to change an app we already have to help solve the problem you are trying to fix.

There are two levels of customization we can provide you with. The first is essentially just an extended look and feel, where you can rearrange the screen flow. Here, there is no data change, and you choose exactly what fields would best suit your needs.

The second level involves adding new data, which makes it a bit more complicated, but nothing we can't handle. These new data changes are typically involved with the interface, web services, remote function calls, and even SAP itself. While this customization might seem complicated, our team will be able to have the apps ready for you in a matter of weeks.

Starting from Scratch

Another way our apps are created is completely from scratch. We sit down with you, hand pick all the ingredients, and mix together the perfect combination of technology and data completely customized to your individualized needs.

We stick to the following process when designing an app right from the start:

1. Determine the business process (the problem this app will provide the solution for)
2. Identify the data that needs to be incorporated into the app
3. Design the screen flow
4. Develop the app itself
5. Test the app
6. Go live!

Our team members are involved in every step of the way, and so are you. What we need from you as the customer is your ideas, input, and most importantly, your feedback. We find it very important to focus on customer involvement, especially when creating something so specific to your needs.

TECHNOLOGY

All of the apps created here at the Savantis Group have the ability to run on Android v. 3.0 or later, iOS v. 8.0 or later, and HTML5 (web) platforms. Our apps have preexisting platforms that they already run on, but we do have the ability to change the platform based on your needs. Our team uses Web Service Calls (WSDL) to create these apps, and they communicate through the SAP Process Orchestrator, which is the middleware.

Technology Used to Develop our Apps:

- MVVM Architecture
- Apache Cordova
- Ionic Framework
- Bootstrap Framework
- Ember JS Framework
- CSS 3
- SQLite

Support

Once any app goes live, we include two weeks of technical support with your purchase to ensure that everything runs smoothly. Once the two weeks come to a close, you can either sign a support contract with us, which means you will not have to invest any time or money in learning the skills that go along with operating the backend system of these apps, or you can choose to support the apps internally.

Licensing Options

There are two ways to get your hands on these apps. The first is by purchasing a perpetual license, which means that your company can use the app for as long as you want.

The second option is the subscription model. This option is just as it sounds: you pay us on a monthly basis for as long as you need it. Then, when your company does not need the app anymore, you may discontinue the subscription.

We offer both options to all of our customers, and we would be happy to chat with you to see which option best suits your needs. And there are no massive infrastructural requirements, platforms, or complex methodologies to buy in to. It's simply about apps you want that work well, enhance your SAP systems, and improve your business processes.

RESULTS AND CUSTOMER SUCCESS STORIES

We are proud of how well these apps have worked out in practice. The following are case summaries from customers that have benefitted from these apps assisting in their everyday SAP business processes:

Healthcare Client on the Shipping App and the Now App

Problem: This healthcare company is a market leader in the medical device industry and they needed to find a way to streamline their extensive shipping processes.

Solution: The Savantis Group developed a number of mobile apps for this customer, including the Shipping App, the Receiving App, the Now App, the Barcode App, the Supply App, the Load Truck App, the Unload Truck App, and the Physical Inventory App. The Shipping App provides package tracking, package labeling, label printing, and allows them to make real-time adjustments as needed, thus greatly improving their shipping processes. We also created the Now App for them, which searches for items and products in real time to see exactly where they are in their inventory at all times, and allows them to make corrections right on the spot if they find items that are not where they are supposed to be.

Results:

- An average of **4 minutes** per shipment has been saved since the Shipping App launched, which amounts to an average of **576 minutes** saved per day, which turns out to be **3,504 hours** saved per year.
- A daily average of **160** shipping-related transactions have been facilitated since they began using the Shipping App.
- The total number of transactions through the Now App increased by nearly **75%** from 2014 to 2015.
- The overall number of transactions through all eight of the apps that this company uses has increased by **63%** from 2014 to 2015.

“The Shipping App offers us flexibility, increased speed and efficiency, and gives us total control over the entire process, and Savantis is delivering that.” - Elza Gouws, Logistics Accountant

Sporting Goods Retailer on the Stock Checker App

Problem: This sporting goods retailer was missing out on sales opportunities because their store associates did not have easy access to their inventory management system.

Solution: The Savantis Group developed the Stock Checker App for them, which provides stock lookup functionality for their sales associates directly on the sales floor, without tying up their cash registers.

Results:

- Over **\$500,000** in increased sales were facilitated through this app in less than a year.
- **6,500** customers would not have completed their transactions without the use of the app.
- Over **17,000** stock lookups per month were facilitated using this app.

“Employees are now empowered to close the sale right on the spot, by gaining visibility quickly and accurately.” - Anthony Biolatto, Executive Team Member

Movie Theater on the Supply Order App and Receiving App

Problem: This customer needed to make their purchase order process more efficient because their employees were walking around with a pen and paper writing down what the company needed. This process was not only inefficient, but often led to order entry errors as well.

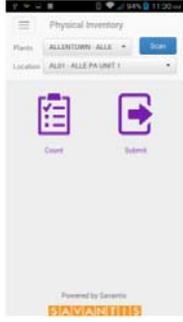
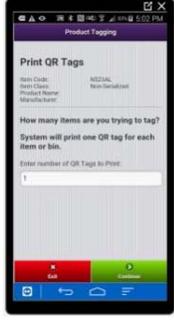
Solution: The Savantis Group is in the process of implementing the Supply Order App and Receiving app to assist this customer. Since the Supply Order App provides the ability to create purchase requests directly from the mobile app, this company will be able to put down their pens and paper, and their purchase orders will automatically be entered directly into their SAP interface. The Receiving App processes purchase orders and item receipts for the user, which will greatly reduce data error.

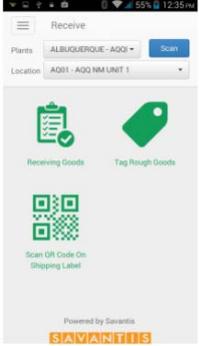
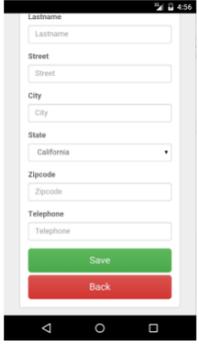
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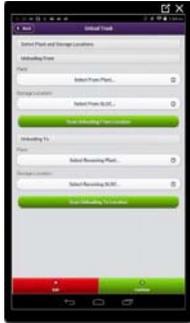
For more information about the Savantis Group and further detail on the apps we offer, please visit our website at www.savantisgroup.com or email us at contact@savantisgroup.com.

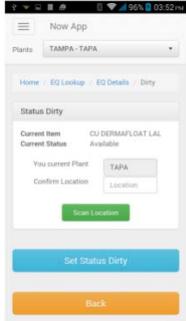
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APP LIBRARY

<p>Physical Inventory App</p>	<ul style="list-style-type: none"> • Updates actual inventories in different locations • Counts the inventory for the user • Works with both serialized and non-serialized items • Currently runs on Android v. 3.0 or later 	
<p>Barcode App</p>	<ul style="list-style-type: none"> • Creates equipment and reprints tags • Scans an existing item, article, or material • Selects from a list of items to purchase • Currently runs on Android v. 3.0 or later 	
<p>Shipping App</p>	<ul style="list-style-type: none"> • Keeps track of what items need to be packed, what items have been packed, and what has already been labeled and shipped • Reprints shipping labels on demand • Controls and expands your shipping operations, making it easier to manage the transportation of your products • Works with both serialized and non-serialized items • Currently runs on Android v. 3.0 or later 	

<p>Receiving App</p>	<ul style="list-style-type: none"> Processes purchase orders and item receipts for the user (identifies the PO number, counts items, confirms and sends information) Tags goods (identifies the item, confirms item details, complements data from the items, generates the label and tags the item, confirms and sends the data) Assigns serial numbers to products, if needed Currently runs on Android v. 3.0 or later 	
<p>Purchase Requisition/ Supply Order App</p>	<ul style="list-style-type: none"> Creates purchase requests for plants/sites directly from the mobile application Scans an existing material or item, or selects from a list of items to purchase Currently runs on Android v. 3.0 or later 	
<p>Customer Loyalty App</p>	<ul style="list-style-type: none"> Processes, creates, and queries a customer's transactions Returns a list of previous transactions when searching by a customer's email address Creates a new customer account in SAP if it does not already exist Used primarily for customer rewards/loyalty management (<i>Sports Basement created a Basemementers Customer Loyalty Program through this app</i>) Currently runs on Android v. 3.0 or later and HTML5 	

<p>Load Truck App</p>	<ul style="list-style-type: none"> • Selects the specific truck that is needed to transport their items • Lists all items that need to be loaded onto the selected truck • Works with both serialized and non-serialized items • Currently runs on Android v. 3.0 or later 																																								
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<p>Now App</p>	<ul style="list-style-type: none">• Searches products to see exactly where they are in your inventory at all times• Checks and changes the status of the item• Statuses include: dirty, broken, report issues, pass QC, move, and print QC (<i>please note that these statuses can be customized to meet the individual needs of the business</i>)• Works with serialized items• Currently runs on Android v. 3.0 or later	 <p>The screenshot shows the 'Now App' interface on a mobile device. At the top, there's a status bar with the time 00:52 and 95% battery. Below that, the app title 'Now App' is visible. A dropdown menu shows 'Plants: TAMPA - TAPA'. There are navigation tabs: 'Home', 'EQ Lookup', 'EQ Details', and 'Dirty'. The main content area is titled 'Status Dirty'. It displays 'Current Item: CU DERRAFLOAT LAL' and 'Current Status: Available'. Below this, there's a field 'You current Plant' with 'TAPA' entered. A 'Confirm Location' section has a 'Location' field. At the bottom, there are three buttons: 'Scan Location' (green), 'Set Status Dirty' (blue), and 'Back' (orange).</p>
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